

Help USDA design and build a snazzy tool to share agricultural conservation project info and results



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| Project Title | Help USDA design and build a snazzy tool to share agricultural conservation project info and results |
| Project Summary | Work alongside a creative conservation programs team to design/build a web-based tool to share results from innovative projects on farms, ranches and forest lands. This product is in demand from USDA stakeholders and would have high visibility on USDA websites. |
| Country | United States |

Project Description

The U.S. Department of Agriculture’s Natural Resources Conservation Service (NRCS) delivers conservation assistance to farmers and ranchers in U.S. states and territories that deliver benefits not only to farming families, but to surrounding communities, users of entire watersheds, and to the U.S. food system. NRCS’s Projects Branch manages multi-partner, large scale conservation projects that develop and use innovative conservation approaches to solving private lands natural resource challenges. This internship is an opportunity to work alongside the Project Branch’s creative team of management and policy analysts and natural resource scientists on a new web-based, end-user application to strengthen NRCS’s ability to communicate the findings of these programs to both internal and external stakeholders. Existing applications are outdated or nonexistent. The Projects Branch has assembled a large bank of information on findings from past projects and have developed the tool’s substantive content. The virtual intern will collaborate with the Projects Branch team on the tool’s design and then write the code and map the integration points to bring the information to life. The goal is to build an intuitive, user-friendly tool to simplify the public’s ability to access and share helpful information on innovative conservation approaches to farming, ranching and forestry. NRCS wants to be able to tell compelling stories for these project-based programs, and this tool will help us do that. Once finished, NRCS will make the tool available to thousands of regular site visitors, and to thousands more members of the public who view USDA and conservation-focused media.

Required Skills or Interests

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| Skill(s) |
| Coding |
| Data visualization |

Design thinking
Software development
Website design

Additional Information

The intern will work closely with the USDA team, especially during the initial phase of the project when we'll collaborate on the design of the application. The ideal candidate will have front and back end web application development expertise in JavaScript using only open source frameworks, libraries, and tools. The intern should be available for periodic video calls during business hours (east coast time) for the duration of the project. The USDA team is flexible and will schedule calls that accommodate your schedule. Here are links to the relevant programs the intern will be interacting with:

<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/cig/> and

<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/rcpp/>

Language Requirements

None